

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

I. (Currently Amended) A digital multiple function processing machine comprising:

an image data supply unit;

an operation unit; and

a printer;

wherein the image data supply unit can execute image data transmission processing of generating and transmitting image data representing an image of an original set on the image data supply unit,

the operation unit enables a user to perform an interrupt copy start command operation and when the user performs the interrupt copy start command operation, transmits interrupt copy start command information,

the printer can be connected to a computer having a function of transmitting print job data and comprises:

print execution means for forming an image on paper based on print data in a predetermined format;

print data storage means for temporarily storing print data to be processed by the print execution means;

reception means for receiving print job data representing printed matter of several pages from the connected computer;

print job data processing means for generating from the print job data received by the reception means, the print data concerning the printed matter represented by the print job data for each page and storing the print data in the print data storage means; and

copy control means capable of executing copy control processing of causing the image data supply unit to start the image data transmission processing, storing print data responsive to image data transmitted by the image data supply unit as the result of the image data transmission processing in the print data storage means, and causing the print execution means to print based on the print data, if the interrupt copy start command information is

received while the print job data processing means operates, the copy control means for causing the print job data processing means to interrupt the processing being executed and then starting processing of waiting for an available storage area of a capacity required for executing the copy control processing to be formed in the data storage means, when the available storage area of the capacity required for executing the copy control processing is formed, the copy control means for causing the print execution means to interrupt processing for the print data generated by the print job data processing means and then starting the copy control processing,

the operation unit enables the user to set a copy condition and transmits information containing copy condition information representing the copy condition set by the user as the interrupt copy start command information, [[and]]

the copy control means of the printer calculates the capacity of an available storage area required for executing the copy control processing based on the copy condition information contained in the interrupt start command information, and the copy condition information can be changed in accordance with an operation performed by the user.

2. (Currently Amended) The digital multiple function processing machine according to claim 1, wherein the operation unit enables the user to perform an operation made up of a print interrupt command operation and a copy start command operation as the interrupt copy start command operation and when the user performs the print interrupt command operation, transmits print interrupt command information as element information of the interrupt copy start command operation, transmits copy start command information as element information of the interrupt copy start command information, and
- wherein when the print job interrupt command information is received while the print job data processing means operates, the copy control means of the printer causes the print job data processing means to interrupt the processing being executed, when the copy start command information is received after the print interrupt command

information is received, the copy control means starts processing if waiting for an available storage area of the capacity requires for executing the copy control processing to be formed in the data storage means, and when an available storage area of the capacity required for executing the copy control process is formed, the copy control means causes the print execution means to interrupt processing for the print data generated by the print job data processing means and then starts the copy control processing.

3. (Canceled)

4. (Currently Amended) A printer that can be connected to an image data supply unit that can execute image data transmission processing of generating and transmitting image data representing an image of an original set on the image data supply unit and a computer that can transmit print job data, the printer comprising:

print execution means for forming an image on paper based on print data in a predetermined format;

print data storage means for temporarily storing print data to be processed by the print execution means;

reception means for receiving print job data representing printed matter of several pages from the connected computer;

print job data processing means for generating from the print job data received by the reception means, the print data concerning the printed matter represents by the print job data for each page and storing the print data in the print data storage means; and

copy control means capable of executing copy control processing of causing the image data supply unit to start the image data transmission processing, storing print data responsive to image data transmitted by the image data supply unit as the result of the image data transmission processing in the print data storage means, and causing the print execution means to print based on the print data, if the interrupt copy start command information is received while the print job data processing means operates, the copy control means for causing the print job data processing means to interrupt the processing being executed and then starting processing of

waiting for an available storage area of a capacity required for executing the copy control processing to be formed in the data storage means, when the available storage area of the capacity required for executing the copy control processing is formed, the copy control means for causing the print execution means to interrupt processing for the print data generated by the print job data processing means and then starting the copy control processing,[[;]]

wherein the interrupt start command information is information containing copy condition information representing a copy condition, [[and]]

wherein the copy control means calculates the capacity of an available storage area required for executing the copy control processing based on the copy condition information contained in the interrupt start command information, and

wherein the copy condition information can be changed in accordance with an operation performed by the user.

5. (Previously Presented) The printer according to claim 4,

wherein the interrupt copy start command information is information made up of print interrupt command information and copy start command information, and

wherein when the print interrupt command information is received while the print job data processing means operates, the copy control means causes the print job data processing means to interrupt the processing being executed, when the copy start command information is received after the print interrupt command information is received, the copy control means starts processing of waiting for an available storage area of the capacity required for executing the copy control processing to be formed in the data storage means, and when an available storage area of the capacity required for executing the copy control processing is formed, the copy control means causes the print execution means to interrupt processing for the print data generated by the print job data processing means and then starts the copy control processing.

6. (Canceled).

7. (Currently Amended) The digital multiple function processing machine according to claim 1, wherein

the printer calculates a required memory capacity based on a copy description specification information, [[and]]
the printer calculates a predicted time when the available memory capacity reaches the required memory capacity,
when the calculated predicted time exceeds a stipulated time which the user can set, insufficient memory notification information is transmitted, and
when the calculated predicted time is equal to or less than the stipulated time and an elapsed time since an execution time of calculating the predicted time matches the predicted time, the copy control processing is executed.

8. (Currently Amended) The printer according to claim 4, wherein

the printer calculates a required memory capacity based on a copy description specification information, [[and]]
the printer calculates a predicted time when the available memory capacity reaches the required memory capacity,
when the calculated predicted time exceeds a stipulated time which the user can set, insufficient memory notification information is transmitted, and
when the calculated predicted time is equal to or less than the stipulated time and an elapsed time since an execution time of calculating the predicted time matches the predicted time, the copy control processing is executed.